

#	473	474	475	476	477	478	479	480	481	482	483
BLK	I	T	E	Y	M	A	N	G	C	L	L
BMX	V	T	E	Y	M	A	R	G	C	L	L
TEC	V	T	E	F	M	E	R	G	C	L	L
TXK	V	T	E	F	M	E	N	G	C	L	L
IKK	V	F	E	F	M	E	H	G	C	L	S
EGFR	I	T	Q	L	M	P	F	G	C	L	L
ErbB2	V	T	Q	L	M	P	Y	G	C	L	L
ErbB4	V	T	Q	L	M	P	H	G	C	L	L
JAK3	V	M	E	Y	L	P	S	G	C	L	R
BLK	V	T	E	Y	L	P	S	G	C	L	L
LCK	I	T	E	Y	M	E	N	G	S	L	V
LYN	I	T	E	Y	M	A	K	G	S	L	L
SYK	V	M	E	M	A	E	L	G	P	L	N

Fig. 1

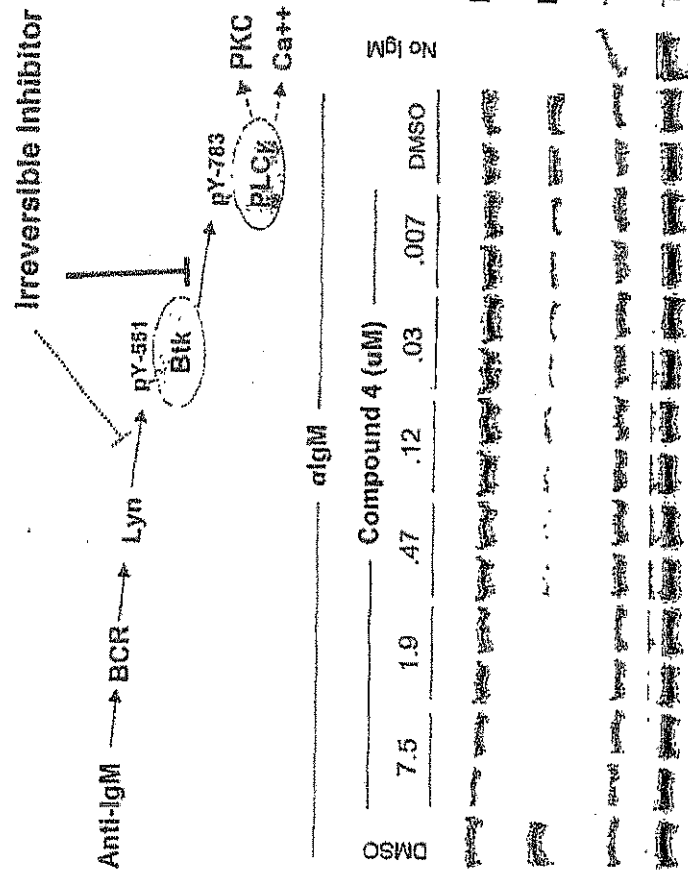


Fig. 2

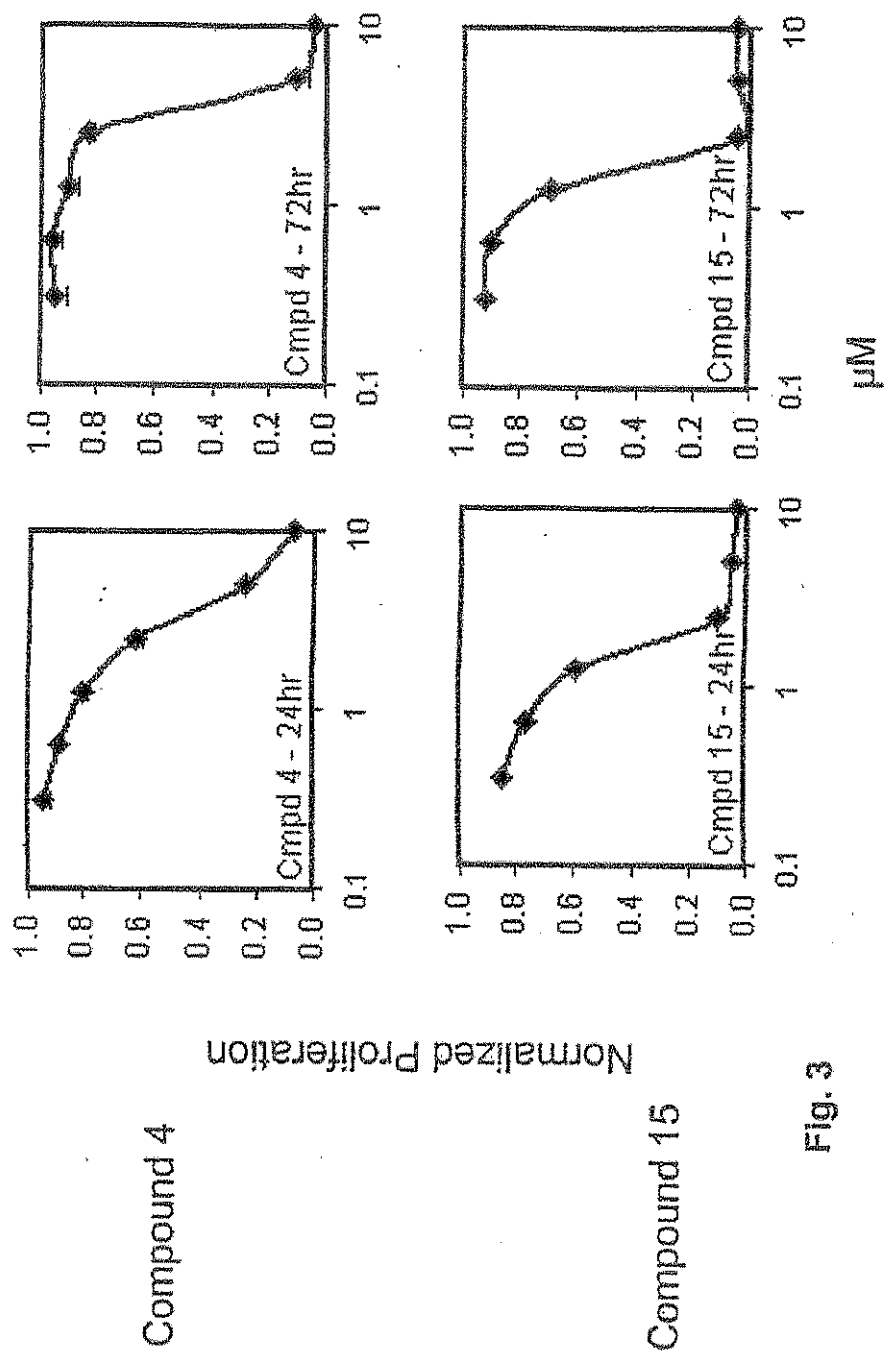


Fig. 3

Btk + DMSO

Btk + Compound 4 (MW=441)

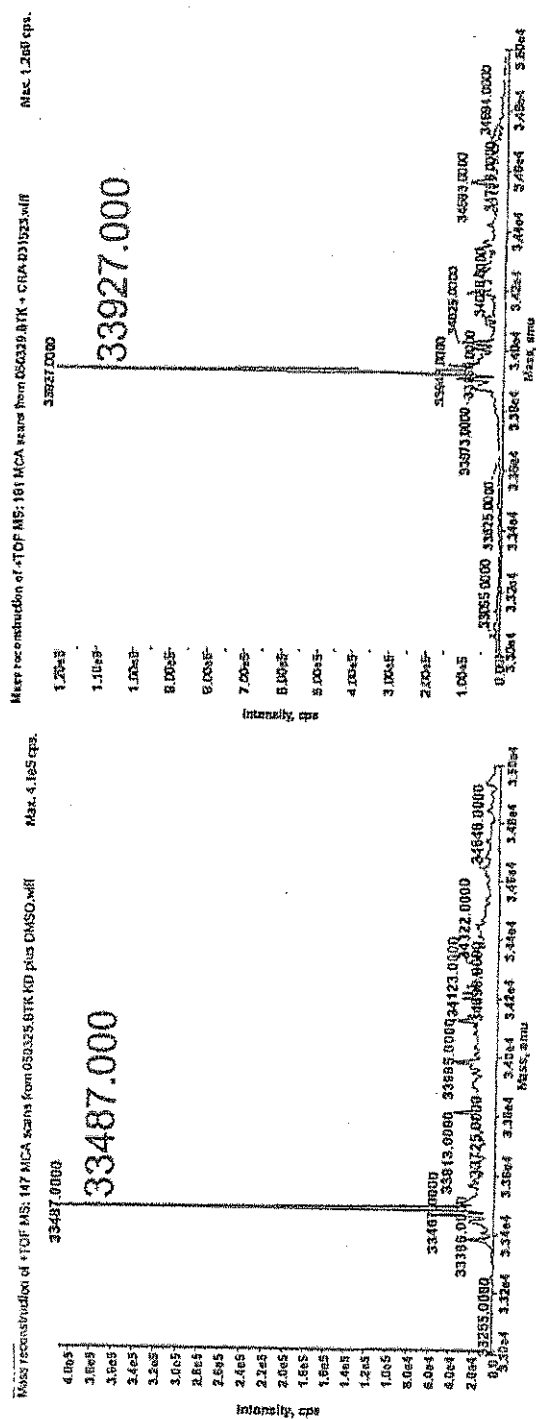
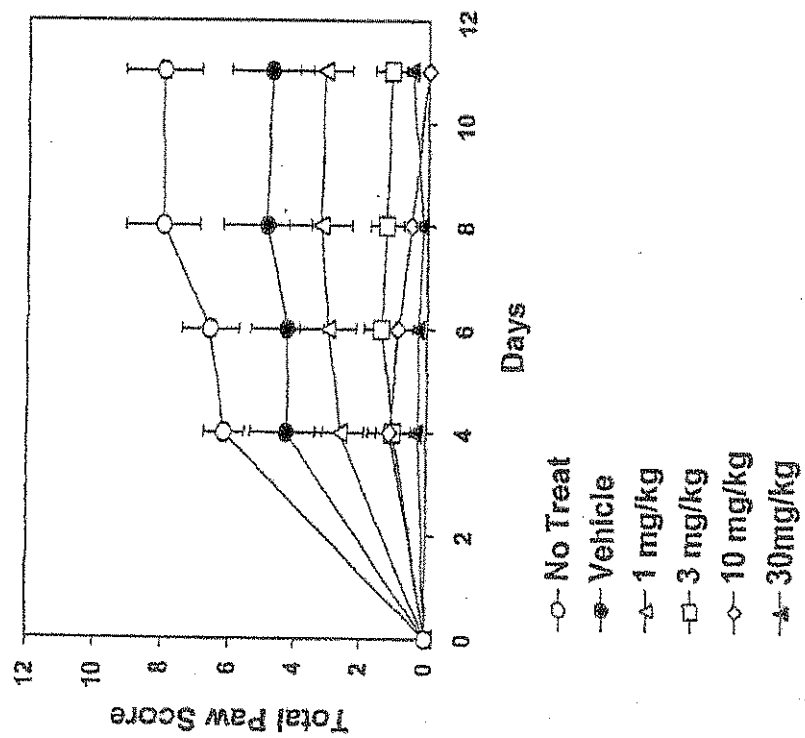


Fig. 4

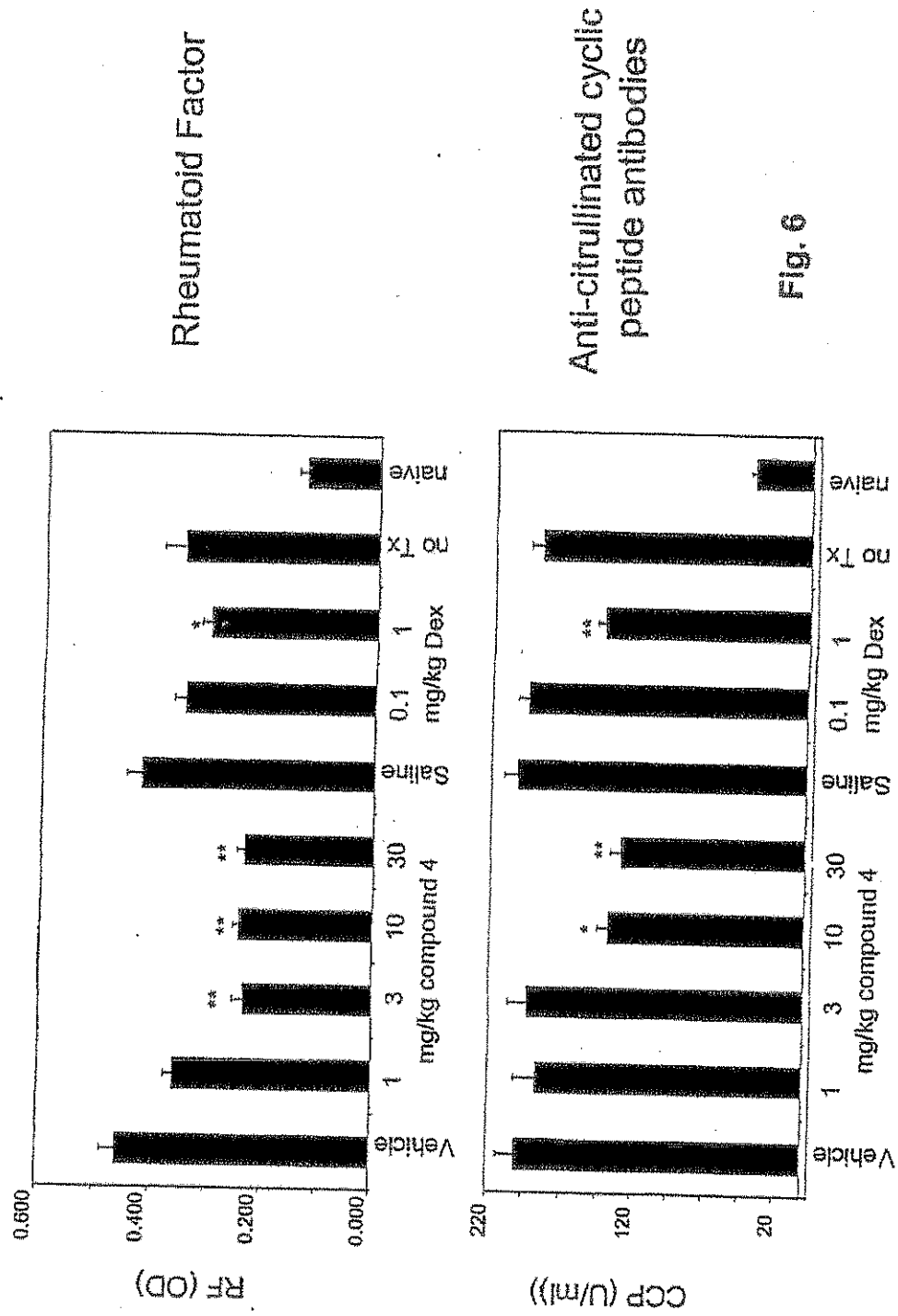
Compound 4



Plasma Levels After Final Dose

Dose (mg/kg)	Concentration (μM)	
	0.5 hr	2 hr
1	0.066	0.049
3	0.250	0.135
10	0.635	0.670
30	1.720	1.103

Fig. 5



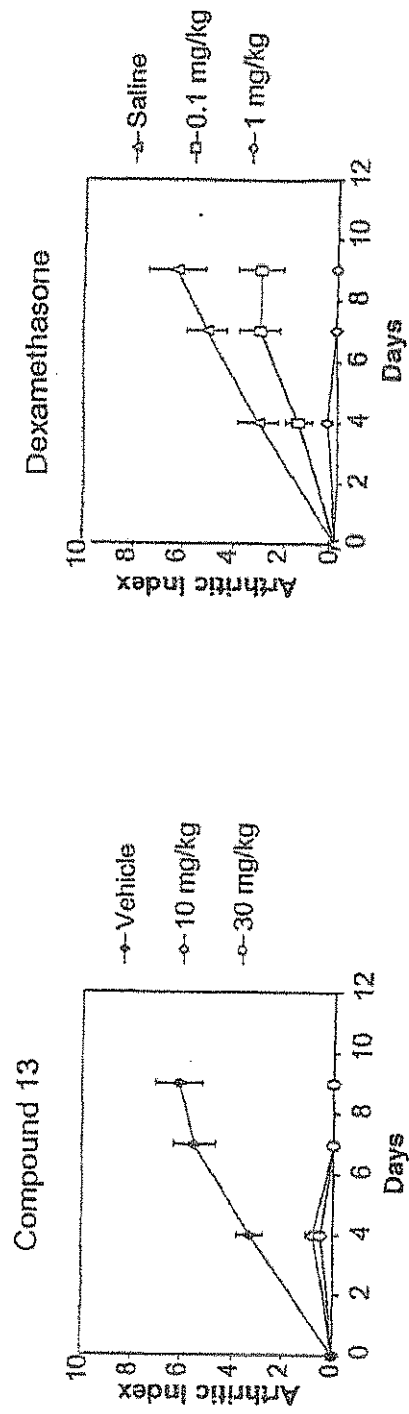


Fig. 7